

# CITY OF LODI

#### PUBLIC WORKS DEPARTMENT

### **COUNCIL COMMUNICATION**

TO:

City Council

FROM:

City Manager

MEETING DATE:

January 6, 1988

AGENDA TITLE:

Traffic Studies - Discussion and Appropriate Action

b) Lodi Avenue, Ham Lane to Lower Sacramento Road, Speed Limit

RECOMMENDED ACTION: That the City Council approve the speed limit on Lodi Avenue from Lower Sacramento Road to Ham Lane as shown on the attached speed zone survey.

Based on Vehicle Code Section 40802, in order to use radar enforcement it is necessary to conduct engineering and traffic studies every five years on "non local" streets. "Non local" streets are the collector and arterial streets shown on the Federal Aid System Maps. The engineering studies include measurement of prevailing speeds by a radar survey and review of accident data.

At the December 2, 1987 Council meeting, Council requested staff to redo the survey on Lodi Avenue from Lower Sacramento Road to Hm Lane. Staff has performed six additional radar surveys (three surveys in each direction). As shown in Table 1, these surveys were similar to the previous surveys. The accidents per year are decreasing and the 85th percentile speed is slightly decreasing also.

Staff requests that Council approve the 40 mph speed zone. If Council approves changes to the recommended limit, Lodi Avenue from Lower Sacramento Road to Ham Lane will not **be** radar enforceable. Staff feels the radar enforcement has **kept** this segment\_from being a 45 mph speed zone.

Jack L. Ronsko

Public Works Director

JLR/PJF/ma

Attachments

cc: Police Chief

Street Superintendent

APPROVED:

23523

THOMAS A. PETERSON, City Manager

FILE NO.

CSPEED2/TXTW.02M

December 29, 1987

THIS ENGINEERING AND TRAFFIC SURVEY INCLUDES: | CITY UINITS | = E3 (40) LOCA PREVAILING SPEEDS コニト MIGH SCHOOL .See speed graph and table ACCIDENTS
See accident plot 81 J , El P 2,650' CONDITIONS NOT APPARENT TO DRIVER: SEE NOTE 2660 LCO 1,100 P 2 | P P (E ) /F 100. (52)23 ū 82 (35) (05)23 (02) 23 NOTES: DIE TO HIGH ECODENT RATE 35 MPH EPEED LIMIT 15 APPROPRIATE LODI AYE. 12 MI 12 MI をMI 1211 1.111 SPEED TABLE ROADWAY WIDTH - 50'-da 46 64' 60' VARIES (EG' & PAUROAD TRACKS) -ta 1/ ofa------ 153 - (a) NO. OF LANES - 2 - 3 - N MEDIAN (TYPE) NONE TRAFFIC SIGNAL DATA ENINCT SHACT ZUNCT BANIT かんけいれしつ <3> 24 ACT 2425 AVERAGE DAILY TRAFFIC (7,075) 1300 GOCC (6.626) (13, 225) 17,350 17.350 \$18,350 × 16,850 216,060 OBS. SPEED - CRITICAL ,851 WE +2 41 41 4-33 31 41 EB 40 40 40 32 32 54-44(76)31-41 (72)33-43(85) 32-42(81)85-43(78) - PACE (%) V18 22.22 (84) 25-36 (32) :5 de (co) 51-41(75)=2-42 (74)=0-+0/32 21-41 (86) 52-42 (83) EB 26.35(81) 23-33 (51) 17-37 (%Z) -MEDIAN ,50th% WB 37 36 37 281 35 35 36 36 35 29 28 EXISTING SPEED ZONE 551/14-4 35 MPH ---30 MPH PROPOSED SPEED ZONE -40 MPH ------30 17FH 4 - 50 MPH + -LEGEND: SPEED GRAPH - SIGN LOCATION -STOP SIGN R2( ) - SPEED LIMIT SKN (MPH R39 -YIELD SIGN -INSTALLATION C ESCHOOL 25 MPH SIGNS, (W65, R2(25), R72)] TRAFFIC SIGNAL EB. -- CITY LIMIT --LOWER LIMIT OF PACE RY )-END OF EPEED LIMIT ACCIDENT PLOT YR: 1985 1111/1/4:1161 YR: 1986 2 1 1211 12 ACCIDENT RATE - ACC./MILL. VEH,-MI. - 1.1 1.2 3.0 4.4 -4.2 -4 13.9+ 5.6 -4 -12.7+ 5.1 H 7.8 - 7 g - ~ -No Dese Revision 1164 Approved By SPEED 127 AVE LODI ZONE Public Works Director Dele: 12/86 RSK. Dete PUBLIC WORKS DEPARTMENT SURVEY

#### SUMMARY OF RADAR SURVEYS

Lo i Avenue - Lower Sacramento Road to Mills Avenue

	85th Percentile			Pace			
Date	WB	<u>E6</u>	<u>W</u>	<u>WB</u>		<u>B</u>	# Accidents/Year
12/3/87	41	39	33-43	85%	30-40	821	
12/10/87	42	40	-			-	
6/5/87	42	40	31-41	72%	32-42	74%	1.5
6/23/82*	41	45	32-42	76%	33-43	66%	2.7
4/29/77**	42	43	30-40	70%	31-41	69%	N/A
Mills Avenue to Ham Lane							
12/23/87	42	40	33-43	78%	32-42	831	<del></del>
5/19/87	41	40	32-42	81%	31-41	86%	4.5
6/23/82*	43	41	33-43	78%	33-43	77%	6.0
7/16/80	N/A	44	-			74%	N/A
4/29/77	43	40	31-41	68%	30-40	75%	N/A

All surveys contained 100 vehicles

<sup>\*</sup>Limit reduced to 35 mph due to high number of accidents @ Mills (now a 4-way stop)

<sup>\*\*</sup>Before widening

#### RESOLUTION KO. 88-08

## RESOLUTION ESTABLISHING A 40 M.P.H. SPEED LIMIT ON LODI AVENUE FROM LOWER SACRAMENTO ROAD TO HAM LANE

RESOLVED, that the City Council of the City of Lodi does hereby establish a 40 m.p.h. speed 'limit on Lodi Avenue from Lower Sacramento Road to Ham Lane.

Dated: January 6, 1988

I hereby certify that Resolution No. 88-08 was passed and adopted by the City Council of the City of Lodi in a regular meeting held January 6, 1988 by the following vote:

Ayes: Council Members - Pinkerton, Snider and Olson (Mayor)

Noes: Council Members - None

Absent: Council Members - Hinchman and Reid

Illue In Bancle. Alice M. Reimche City Clerk